Title (en)

PSEUDO H&E IMAGE PRODUCING METHOD AND OPTICAL SYSTEM USING SAME

Title (de)

PSEUDO-H&E-BILDERZEUGUNGSVERFAHREN UND OPTISCHES SYSTEM

Title (fr)

PROCÉDÉ DE PRODUCTION D'IMAGES PSEUDO H&E ET SYSTÈME OPTIQUE L'UTILISANT

Publication

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Application

EP 18155137 A 20180205

Priority

TW 106124193 A 20170719

Abstract (en)

[origin: EP3432272A1] A pseudo H&E image producing method, including: inputting a grayscale interference image or a grayscale reflected image of a pathological sample to a first memory block of an information processing apparatus, and inputting a grayscale fluorescence image of the pathological sample to a second memory block of the information processing apparatus; using the information processing apparatus to perform a first color transform operation on the grayscale interference image or the grayscale reflected image to generate a first RGB image, and using the information processing apparatus to perform a second color transform operation on the grayscale fluorescence image to generate a second RGB image; and using the information processing apparatus to perform an image fusion operation and an intensity reversal operation on the first RGB image and the second RGB image to generate a pseudo H&E image. The present invention also discloses an optical system using the method.

IPC 8 full level

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CPC (source: EP US)

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